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Substitute for form 1449/PTO		Complete if Known	
		Application Number	10/511599
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Filing Date	11/03/2004
		First Named Inventor	Beaudouin et al.
		Art Unit	1794
		Examiner Name	M. Higgins
		Attorney Docket Number	5529
Sheet 1	of 2		

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
RCM		US- 4528229	07-09-1985	Clevenger	
		US- 5334623	08-02-1994	Holland	
		US- 4847145	07-11-1989	Matsui	
		US- 4421235	12-20-1983	Moriya	
		US- 2701774	02-08-1955	Marsell et al.	
		US- 5124177	06-23-1992	Kasmak, Jr. et al.	
		US- 6723296	04-20-2004	Drean	
		US- 3960771	06-01-1976	Tanaka et al.	
		US- 4054537	10-18-1977	Wright et al.	
		US- 6033638	03-07-2000	Campbell et al.	
		US- 5578283	11-26-1996	Chen et al.	
		US- 6051199	04-18-2000	Teller	
		US- 6319484	11-20-2001	Shore et al.	
		US- 6503469	01-07-2003	Izumi et al.	
RCM		US- 2003/0104131	06-05-2003	Konno et al.	
		US-			
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FOREIGN PATENT DOCUMENTS						
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		Country Code ² -Number ³ -Kind Code ⁴ (if known)	MM-DD-YYYY			
RCM		WO 00/64577	11-02-2000	Ectium BV		
		WO 96/24541	08-15-1996	W. Hamburger...		
		WO 01/54496	08-02-2001	Ahlstrom ...		
		JP 10/204384	08-04-1998	Kuraray Chem		
		FR 2758551	07-24-1998	Drean		
RCM		FR 2767645	03-03-1999	Drean		

Examiner Signature	Hubert C. Higgins	Date Considered	11/13/07
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Sheet 2

of 2

Complete if Known

Application Number	10/511599
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Filing Date	11/03/2004
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First Named Inventor	Beaudouin et al.
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Art Unit	1750
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Examiner Name	13 Dec 2013
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Attorney Docket Number	5529
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T*
		Country Code ² Number ³ Kind Code ⁴ (if known)	MM-DD-YYYY			
spc		XP-002128196	1990	Sumitomo Heavy		
I		JP 02052040	02-21-1990	Sumitomo Heavy		
I		EP 0608539	08-03-1994	Corning Inc.		
spc		WO 98/39093	09-11-1998	Blanco Alvarez		

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